SCHN - 00768

Serviceanweisung
Service manual

STV 3665
STV 3685
STV 5165
STV 5185
STV 5585

Inhaltsverzeichnis

Abgleichanweisung	11–14
Schaltbild Grundplatine	3–6
Platinendarstellung Grundplatine	2
Videotextplatine	7, 8
Scartplatine	9
Explosionsdarstellung Gehäuse	10
Ersatzteilliste	15–17

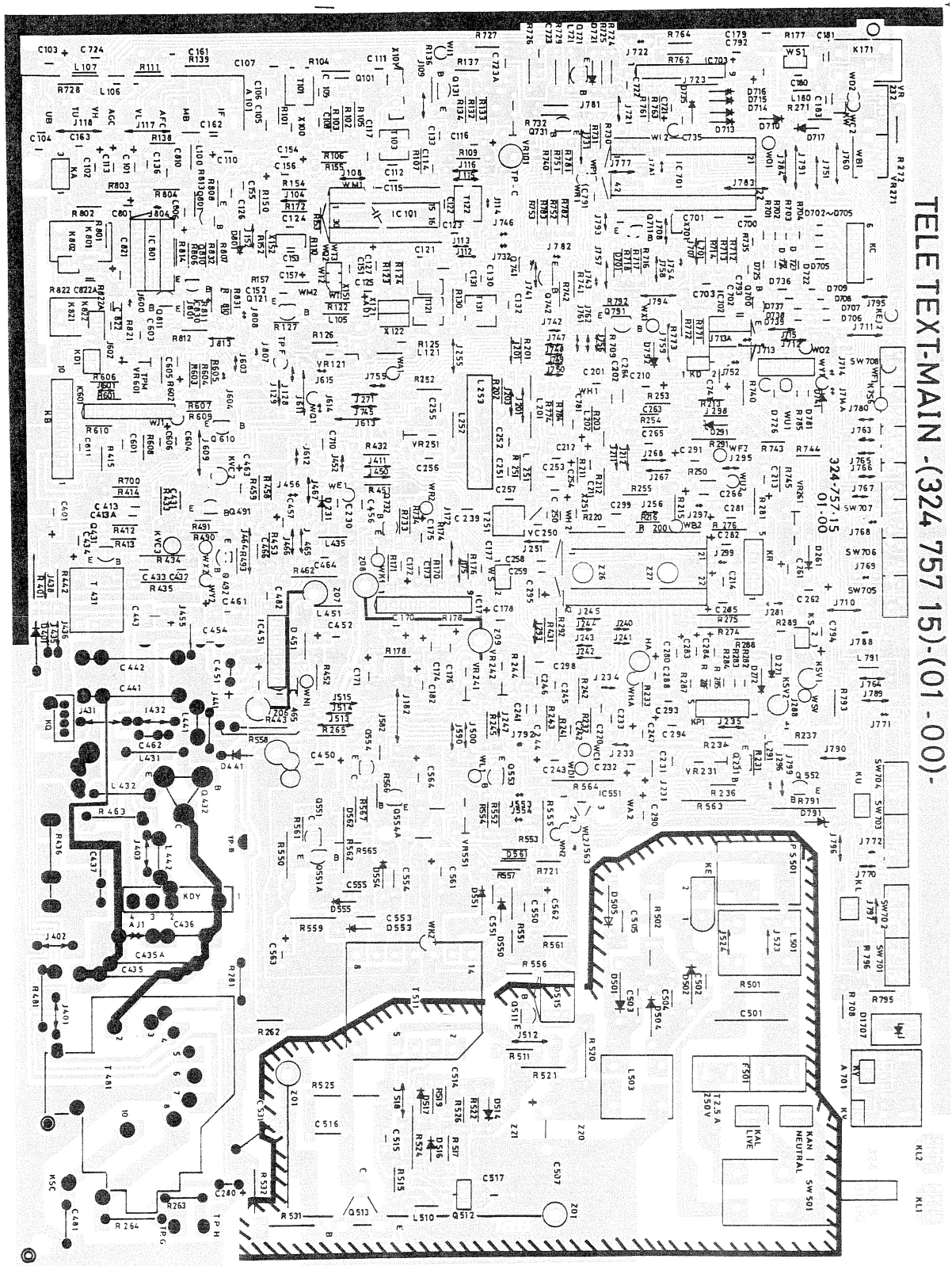
Table of contents

Adjustment procedure	11–14
Schematic diagram main board	3–6
P. C. B. diagram main board	2
Teletext module	7, 8
Schematic diagram Scart P.C.B	9
Exploded view housing	10
Spare parts list	15–17

Diese Service-Unterlage wurde ausschließlich für autorisiertes Fachpersonal erstellt.
Für Eingriffe durch nicht autorisierte Personen übernimmt der Hersteller keine Haftung.

This service manual was made for authorized specialists only.
For interventions by not authorized persons producer doesn't take possession of liability.

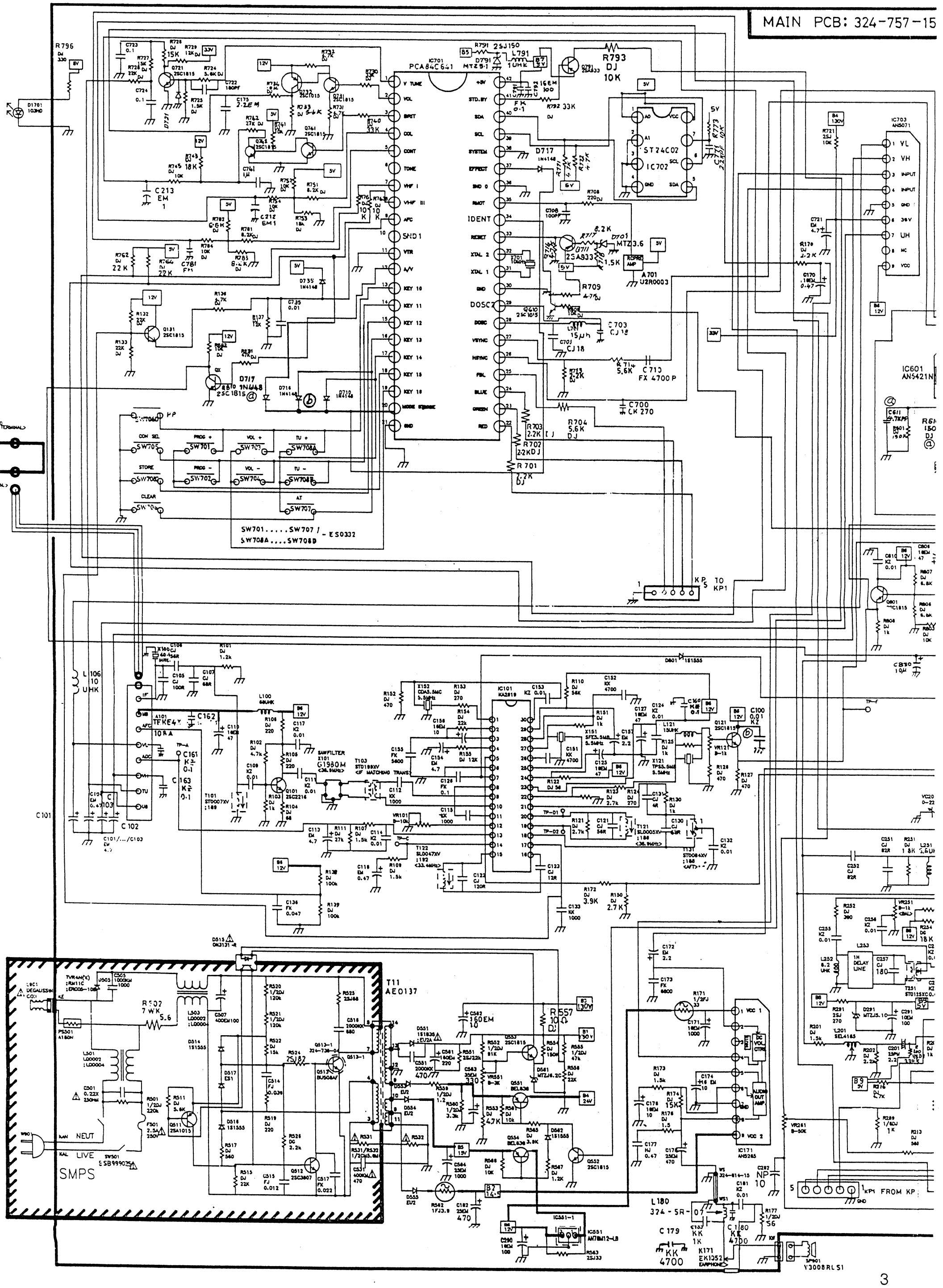
Platinendarstellung Grundplatine
P.C.B. diagram main



Schaltbild Grund- und Bildrohrplatine STV 3665/STV 5165

Schematic diagram main board and picture tube P.C.B.

MAIN PCB: 324-757-15



4-757-15

324-859-03

SCART BLOCK

TO PIN 20 OF K1201

TO C1201

TO E OF Q1202

TO C1200

K12A

K12B

IC703 AN5071

1 VL
2 VH
3 INPUT
4 INPUT
5 GND
6 36V
7 UH
8 HC
9 VCC

B6 12V

12V

IC601 AN5421N

SYNC SEP.
NOISE GATE NOISE DET
HOR. OSC.
PHASE COMP-ARATOR
COMPA-RATOR
ADDER

C611 4.7KPF
R610 150 DJ
C612 4.7MF
R601 150K
R602 4.7K
R604 DJ 1K
R605 3.9K
R607 10K
VR601 2K
C603 0.01
C604 0.01
C606 EM 3.3
R609 2.2
B5 12V

C810 KZ 0.01
C806 1EM 47
R814 DJ 10K
R813 DJ 5.6K
C801 1EM 47
R802 DJ 100
R801 82
R807 DJ 6.8K
R808 DJ 6.8K
R809 DJ 10K
R804 DJ 10K
Q801 2SC1815
R806 1k
C820 10M
IC801 4066
C821 1EM 47
R821 DJ 100k
R810 DJ 10k
R811 DJ 22K
Q811 2SC1815
R812 DJ 33K
IC 201 AN5601K

VC201 0-22PF
X251 8.86MHz
C250 CJ 100
R211 DJ 560
C253 KZ 0.01
C254 EM 4.7
R220 2.7M
C251 CJ 82A
R251 DJ 1.8K
L251 2.6UHK
R212 DJ 1.8K
C211 EM 1
VR251 B-1k
R253 DG 18K
R254 DG 18K
R255 DJ 1K
C284 FK 0.1
C285 NP 2.2
C257 CJ 180
C258 KZ 0.01
C259 FK 0.1
R250 DJ 1.5M
C288 EM 1
T251 STD125XC0.01
C291 10EM 100
L202 100UHK
R203 1k
C201 25PH 2.2
C202 CJ 33P
R214 7K
C214 EM 4.7
R215 DJ 1.5K
C281 EM 1
R289 1/8DJ 1K
R213 DJ 560
C282 EM 1

GND
OSC
COLOR CONT
ACC
CHROMA IN
CONTRAST CONTROL
CHROMA OUT
APC
APC
5V
R-Y
COLOR KILL
B-Y
BLANK
VIDEO IN NOISE CANCE
VIDEO IN
SHARP
BRIGHT
BCLMP
GCLMP
GOUT

8.6V
HOUT
HCENTRE
HOSC
HAFC
HFDBK
SANDC
VINT
VHOLD
VOSC
VFDBK
VOUT
SYNC SEP
12V
RIN
RCLMP
ROUT
BOUT
BIN
GIN

1/4 R244 DJ 27k
B6 12V
VR242 B-50k
R431 DJ 3.3k
C248 FJ 0.039
R242 DJ 39K
C244 FK 5600
R243 DG 5.1K
VR241 B-5K
R245 DJ 2.7K
C241 KK 1000
C242 FJ 0.012
R241 DJ 2.7K
C243 EM 4.7
R414 DJ 1K
C413 KJ 47R
VR232 B-10K
R232 DJ 8.2K
R415 DJ 47K
R231 PJ 1K
VR231 B-20K
Q231 2SA1015
C232 EM 3.3
C231 EM 1
R238 DJ 27K
R237 DJ 33K
R431 DJ 560
HA
WHA
R233 DJ 330
C238 K 0.1
C200 K 0.1
C247 EM 4.7
R234 DJ 82K
C286 EM 4.7
C293 FK 0.1
C284 1EM 100
C220 K 0.01
C280 EM 0.47
R284 1/8DJ 470
C285 EM 1
C283 EM 0.47
R282 1/8DJ 470
C284 EM 0.47
R283 1/8DJ 470

R292 1/2DJ 220
B6 12V
L291 39UHK
B6 12V

IC451 AN5521
DRIVER
OUTPUT
FLBK AMP.
GND
VCC
C451 356M 220
L451 33UHK
D451 EKB12-02
C454 500KK 2200
C455 EM 2.2
R463 1/2DJ 270
C462 FK 0.1
C461 25EM 1000
R460 1/2 DJ 1K
C464 NP 1
R462 1SJ 1
TIP UP
TIP DOWN
24V
C465 FK 0.1
R452 DJ 15K
C452 35EM 470
R453 DJ 12k
C457 EM 3.3
C 456 0.022
R458 2.7K
C463 1EM 33
R459 DJ 10k

B4 24V

R432 DJ 330
R434 1/2 DJ 1k
C431 FK 0.056
C433 500KK 1000
T431 AD0001 <H-DRIVE TRANS>
Q432 BU508DF
L431 Z20008
Q432-1 J24-738-05
C435 1500M 4700
C436 3000KP 220
L432 Z20008
AJ-1
R433 DJ 1k
Q431 2SC2383 (O,R)
C432 500KK 3900
C434 35EM 47
R435 1/2 DJ 270
C437 100FK 0.47
R436 7WK 12
R412 DJ 1.5K
R413 DJ 33k
R700 DJ 5.6K
C441 200NJ 0.22
C442 200NJ 0.15
C443 1EM 4.7
R442 DJ 220k

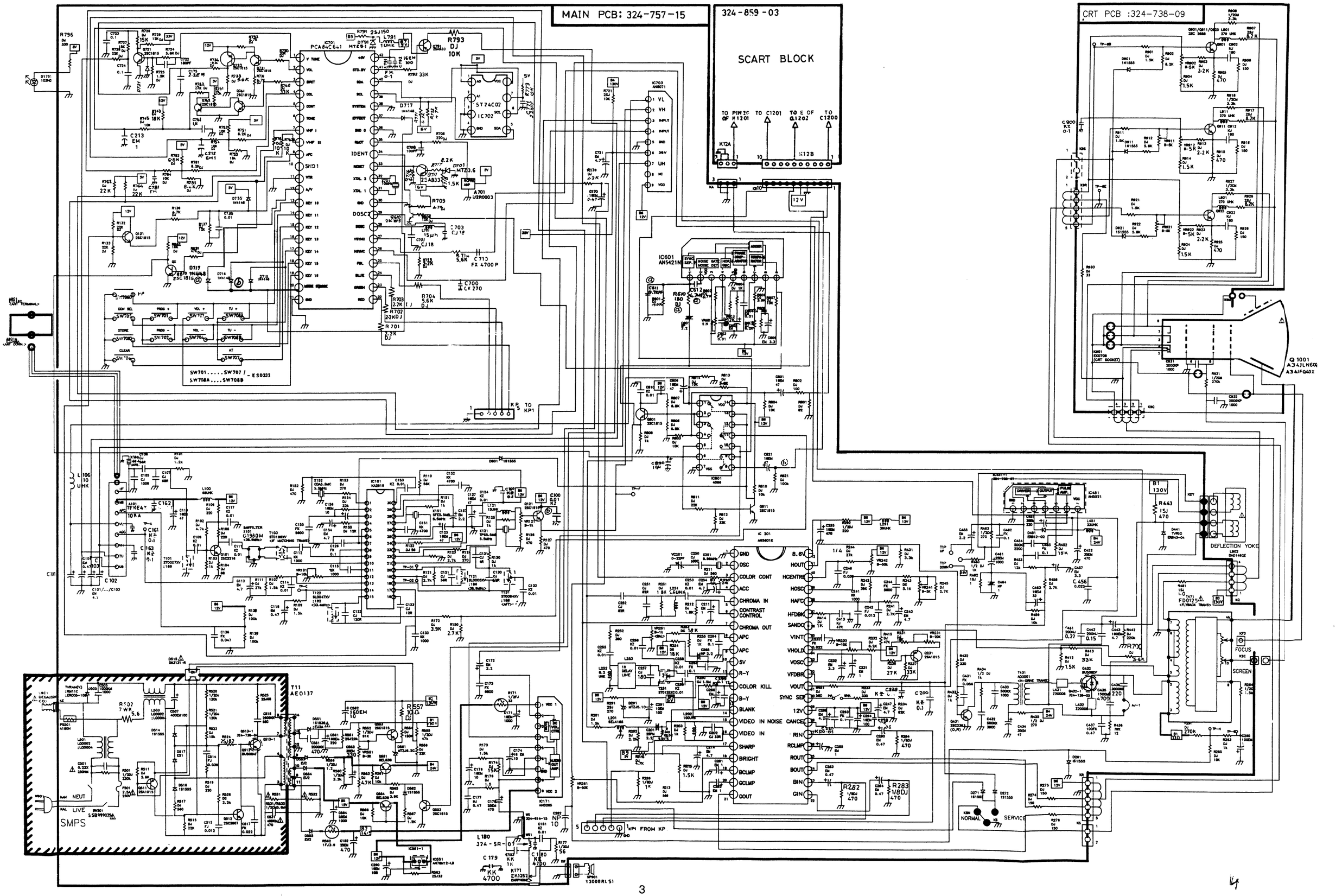
B1 130V
R443 1SJ 470
D441 TVR1G EKB43-04
DEFLECTION YOKE
L802 DAD1402E
R481 1SJ 1.0
T471 FD0125 <FLYBACK TRANS>
B3 130V
KQ
KFD
FOCUS
KSC
SCREEN
R284 1/2DJ 1.5K
R281 DJ 270K
TP-H
TP-G
R283 DJ 1k
C280 100EM
R285 DJ 10K
B1 130

D281 1S1555
KR
R275 DJ 150
R274 DJ 150
R276 DJ 150
D271 1S1555
D272 1S1555
KSN
NORMAL
KS
SERVICE

CRT PCB :324-738-09

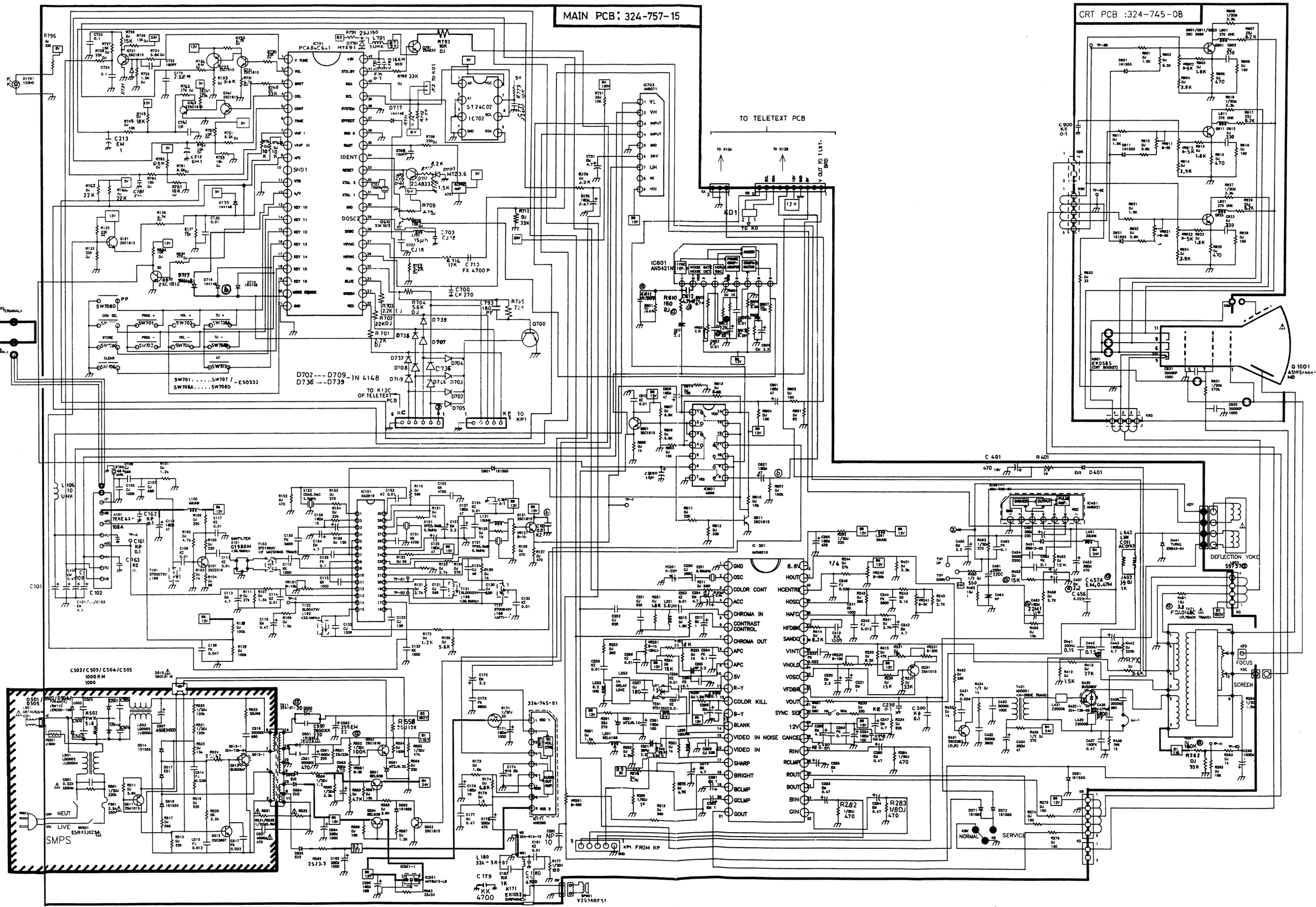
R908 1/2CM 3.3k
D901/D911/D925 2SC 2688
L901 270 UHK
R907 2SJ 8.2K
Q901
C902 KJ 180
TP-BB
R901 DJ 1.5K
R902 DJ 8.2K
D901 1N1555
VR902 B-5K
R903 DJ 2.2K
R904 DJ 1.5K
R905 DJ 470
R906 DJ 150
R918 1/2CM 3.3k
L911 270 UHK
R917 2SJ 8.2K
Q911 C912 KJ 180
C900 KZ 0.1
R911 DJ 1.5K
R912 DJ 5.6K
D911 1N1555
VR911 B-5K
VR912 B-5K
R913 DJ 2.2K
R914 DJ 1.5K
R915 DJ 470
R916 DJ 150
K9S
K9R
TP-6E
R927 1/2CM 3.3k
L921 270 UHK
R926 2SJ 8.2K
Q925 C922 KJ 180
R921 DJ 1.5K
D921 1S1555
R922 DJ 5.6K
VR921 B-5K
VR922 B-5K
R923 DJ 2.2K
R924 DJ 1.5K
R925 DJ 470
R928 DJ 150
R933 DJ 33
K9M
K9P
K9Q
C931 2000KP 1000
R931 1/2CM 270k
C932 2000KP 1000
Q 1001 A34JLN61X A34JFQ40X

Schaltbild Grund- und Bildrohrplatine
Schematic diagram main board and picture tube P.C.B.

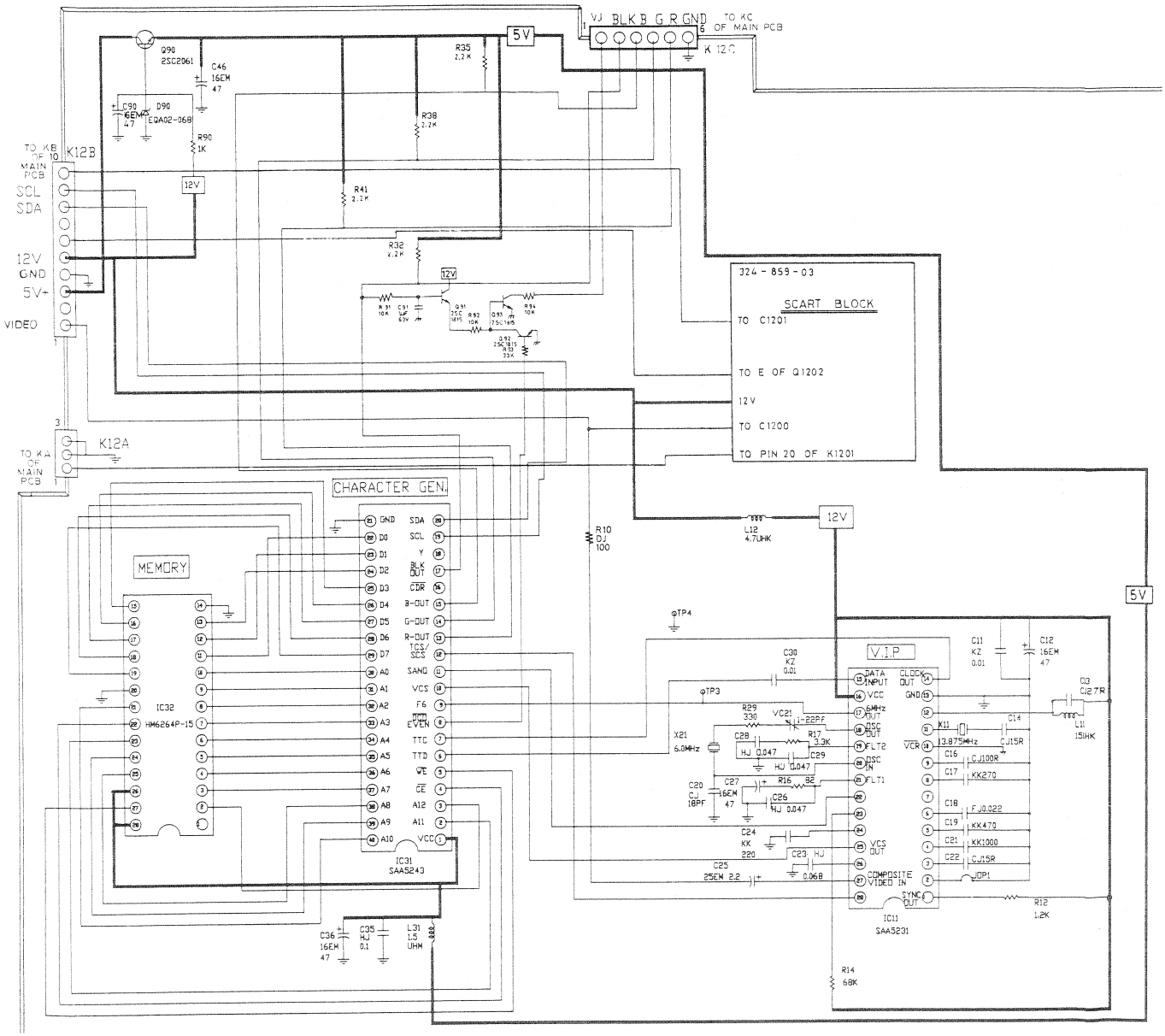

MAIN PCB: 324-757-15
324-859-03
SCART BLOCK
CRT PCB :324-738-09
SMPS
DEFLECTION YOKE
SCREEN
FOCUS
NORMAL
SERVICE
IC601 AN5421N
IC703 AN5071
IC 201 AN5801K
IC101 KA3818
IC701 PCA84C641
SW701 ..... SW707 / - ES0332
SW708A SW708B
TO PIN 20 OF K1201
TO C1201
TO E OF Q1202
TO C1200
FROM KP
K12A
K12B
12 V
130V
8.2K
1.5K
5.6K
270K
FX 4700P
FX 270
33K
27K
470
1.5K
2.2K
5.6K
4.7K
10K
18K
1/2W 270
1/2W 470
1/2W 5.6K
1/2W 10K
1/2W 33K
1/2W 47K
1/2W 100K
1/2W 270K
1/2W 1M
1/2W 2.2M
1/2W 3.3M
1/2W 4.7M
1/2W 5.6M
1/2W 10M
1/2W 15M
1/2W 22M
1/2W 33M
1/2W 47M
1/2W 100M
1/2W 220M
1/2W 470M
1/2W 1000M
1/2W 2200M
1/2W 3300M
1/2W 4700M
1/2W 5600M
1/2W 6800M
1/2W 10000M
1/2W 15000M
1/2W 22000M
1/2W 33000M
1/2W 47000M
1/2W 100000M
1/2W 150000M
1/2W 220000M
1/2W 330000M
1/2W 470000M
1/2W 1000000M
1/2W 1500000M
1/2W 2200000M
1/2W 3300000M
1/2W 4700000M
1/2W 6800000M
1/2W 10000000M
1/2W 15000000M
1/2W 22000000M
1/2W 33000000M
1/2W 47000000M
1/2W 100000000M
1/2W 150000000M
1/2W 220000000M
1/2W 330000000M
1/2W 470000000M
1/2W 1000000000M
1/2W 1500000000M
1/2W 2200000000M
1/2W 3300000000M
1/2W 4700000000M
1/2W 6800000000M
1/2W 10000000000M
1/2W 15000000000M
1/2W 22000000000M
1/2W 33000000000M
1/2W 47000000000M
1/2W 100000000000M
1/2W 150000000000M
1/2W 220000000000M
1/2W 330000000000M
1/2W 470000000000M
1/2W 1000000000000M
1/2W 1500000000000M
1/2W 2200000000000M
1/2W 3300000000000M
1/2W 4700000000000M
1/2W 6800000000000M
1/2W 10000000000000M
1/2W 15000000000000M
1/2W 22000000000000M
1/2W 33000000000000M
1/2W 47000000000000M
1/2W 100000000000000M
1/2W 150000000000000M
1/2W 220000000000000M
1/2W 330000000000000M
1/2W 470000000000000M
1/2W 1000000000000000M
1/2W 1500000000000000M
1/2W 2200000000000000M
1/2W 3300000000000000M
1/2W 4700000000000000M
1/2W 6800000000000000M
1/2W 10000000000000000M
1/2W 15000000000000000M
1/2W 22000000000000000M
1/2W 33000000000000000M
1/2W 47000000000000000M
1/2W 100000000000000000M
1/2W 150000000000000000M
1/2W 220000000000000000M
1/2W 330000000000000000M
1/2W 470000000000000000M
1/2W 1000000000000000000M
1/2W 1500000000000000000M
1/2W 2200000000000000000M
1/2W 3300000000000000000M
1/2W 4700000000000000000M
1/2W 6800000000000000000M
1/2W 10000000000000000000M
1/2W 15000000000000000000M
1/2W 22000000000000000000M
1/2W 33000000000000000000M
1/2W 47000000000000000000M
1/2W 100000000000000000000M
1/2W 150000000000000000000M
1/2W 220000000000000000000M
1/2W 330000000000000000000M
1/2W 470000000000000000000M
1/2W 1000000000000000000000M
1/2W 1500000000000000000000M
1/2W 2200000000000000000000M
1/2W 3300000000000000000000M
1/2W 4700000000000000000000M
1/2W 6800000000000000000000M
1/2W 10000000000000000000000M
1/2W 15000000000000000000000M
1/2W 22000000000000000000000M
1/2W 33000000000000000000000M
1/2W 47000000000000000000000M
1/2W 100000000000000000000000M
1/2W 150000000000000000000000M
1/2W 220000000000000000000000M
1/2W 330000000000000000000000M
1/2W 470000000000000000000000M
1/2W 1000000000000000000000000M
1/2W 1500000000000000000000000M
1/2W 2200000000000000000000000M
1/2W 3300000000000000000000000M
1/2W 4700000000000000000000000M
1/2W 6800000000000000000000000M
1/2W 10000000000000000000000000M
1/2W 15000000000000000000000000M
1/2W 22000000000000000000000000M
1/2W 33000000000000000000000000M
1/2W 47000000000000000000000000M
1/2W 100000000000000000000000000M
1/2W 150000000000000000000000000M
1/2W 220000000000000000000000000M
1/2W 330000000000000000000000000M
1/2W 470000000000000000000000000M
1/2W 1000000000000000000000000000M
1/2W 1500000000000000000000000000M
1/2W 2200000000000000000000000000M
1/2W 3300000000000000000000000000M
1/2W 4700000000000000000000000000M
1/2W 6800000000000000000000000000M
1/2W 10000000000000000000000000000M
1/2W 15000000000000000000000000000M
1/2W 22000000000000000000000000000M
1/2W 33000000000000000000000000000M
1/2W 47000000000000000000000000000M
1/2W 100000000000000000000000000000M
1/2W 150000000000000000000000000000M
1/2W 220000000000000000000000000000M
1/2W 330000000000000000000000000000M
1/2W 470000000000000000000000000000M
1/2W 1000000000000000000000000000000M
1/2W 1500000000000000000000000000000M
1/2W 2200000000000000000000000000000M
1/2W 3300000000000000000000000000000M
1/2W 4700000000000000000000000000000M
1/2W 6800000000000000000000000000000M
1/2W 10000000000000000000000000000000M
1/2W 15000000000000000000000000000000M
1/2W 22000000000000000000000000000000M
1/2W 33000000000000000000000000000000M
1/2W 47000000000000000000000000000000M
1/2W 100000000000000000000000000000000M
1/2W 150000000000000000000000000000000M
1/2W 220000000000000000000000000000000M
1/2W 330000000000000000000000000000000M
1/2W 470000000000000000000000000000000M
1/2W 1000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000M
1/2W 2200000000000000000000000000000000M
1/2W 3300000000000000000000000000000000M
1/2W 4700000000000000000000000000000000M
1/2W 6800000000000000000000000000000000M
1/2W 10000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 4700000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 6800000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 10000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 15000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 22000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 33000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 47000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 100000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 150000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 220000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 330000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 470000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 1500000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 2200000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000M
1/2W 3300000000000000000000000000000000000000000000000000000000000000000000000000000000000

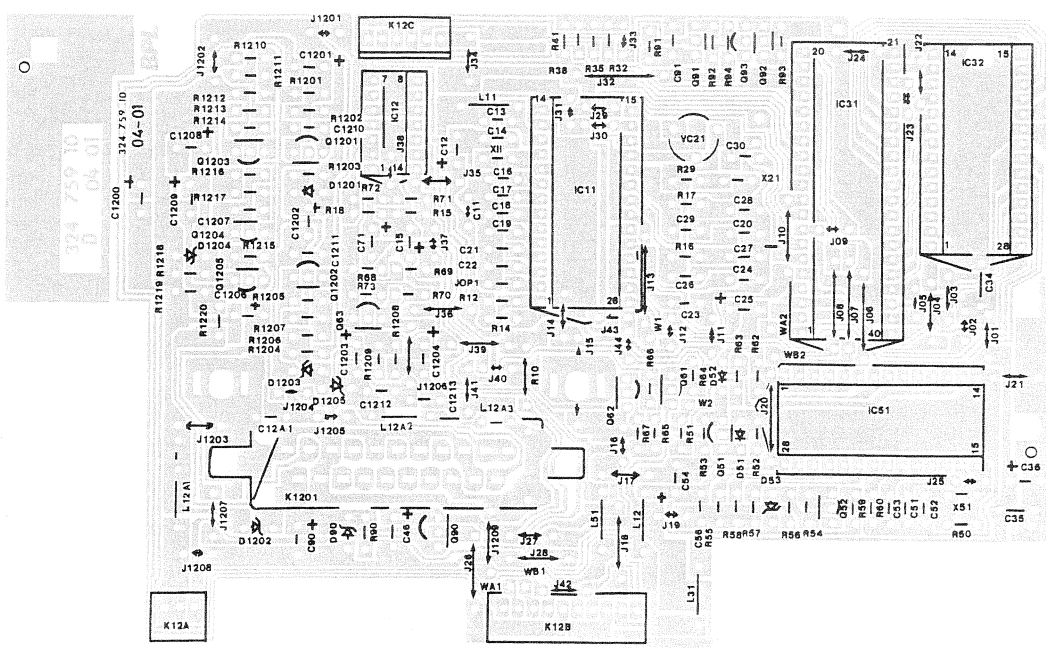
Schaltbild Grund- und Bildrohrplatine STV 3685.

Schematic diagram main board and picture tube P.C.B.



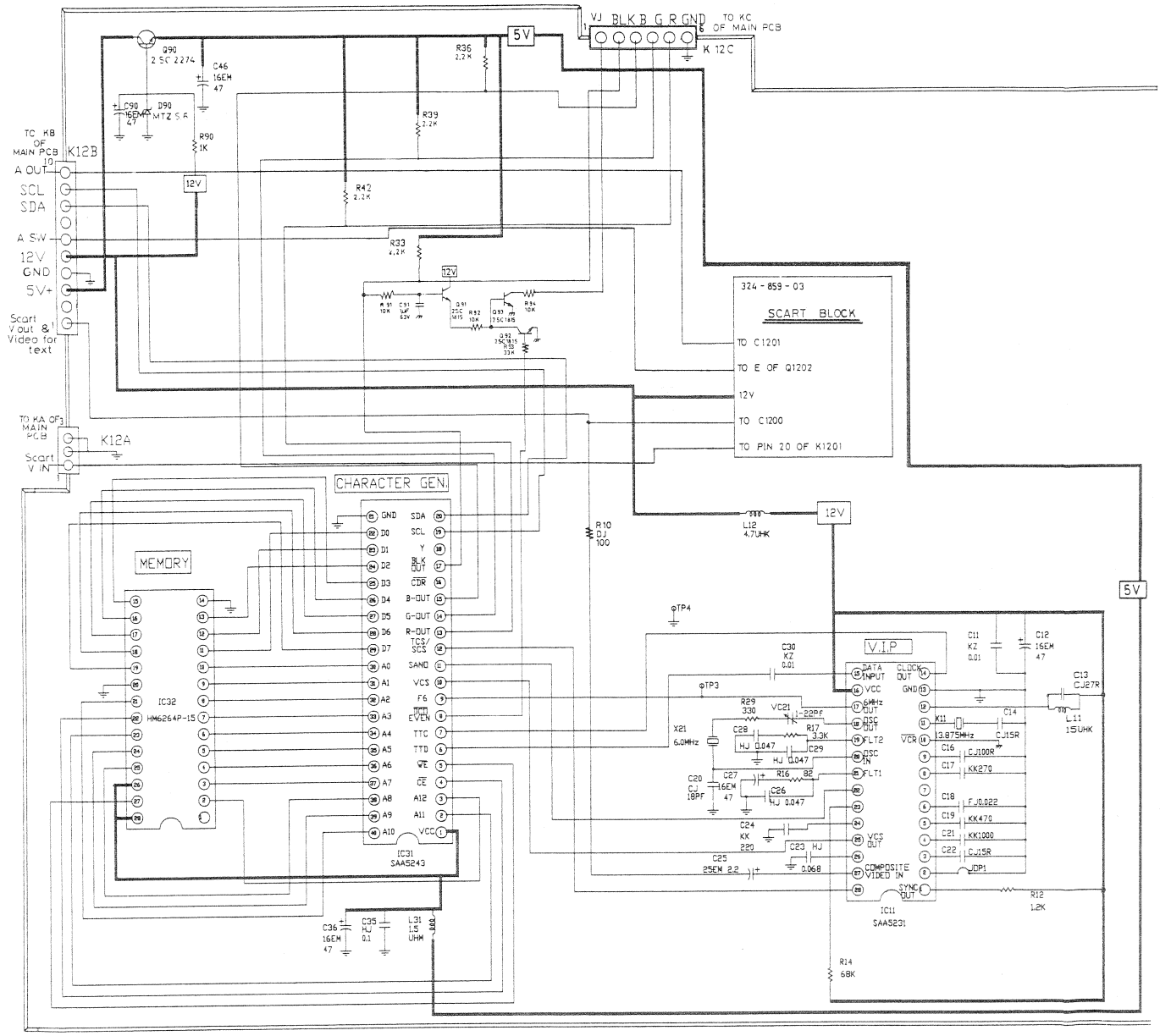
Teletextplatine
Teletext module

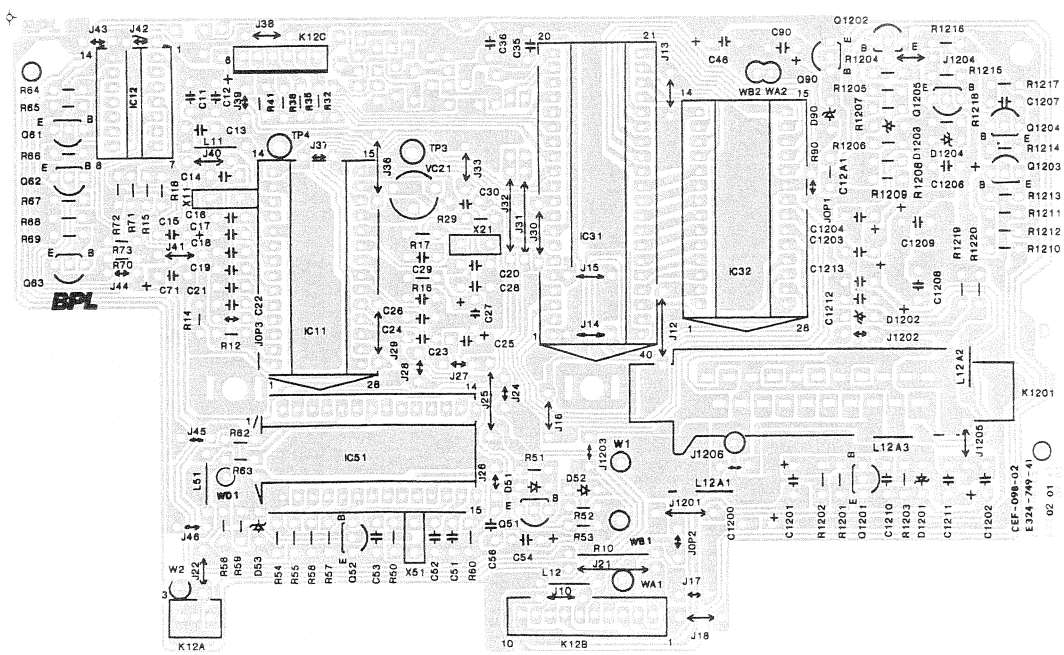




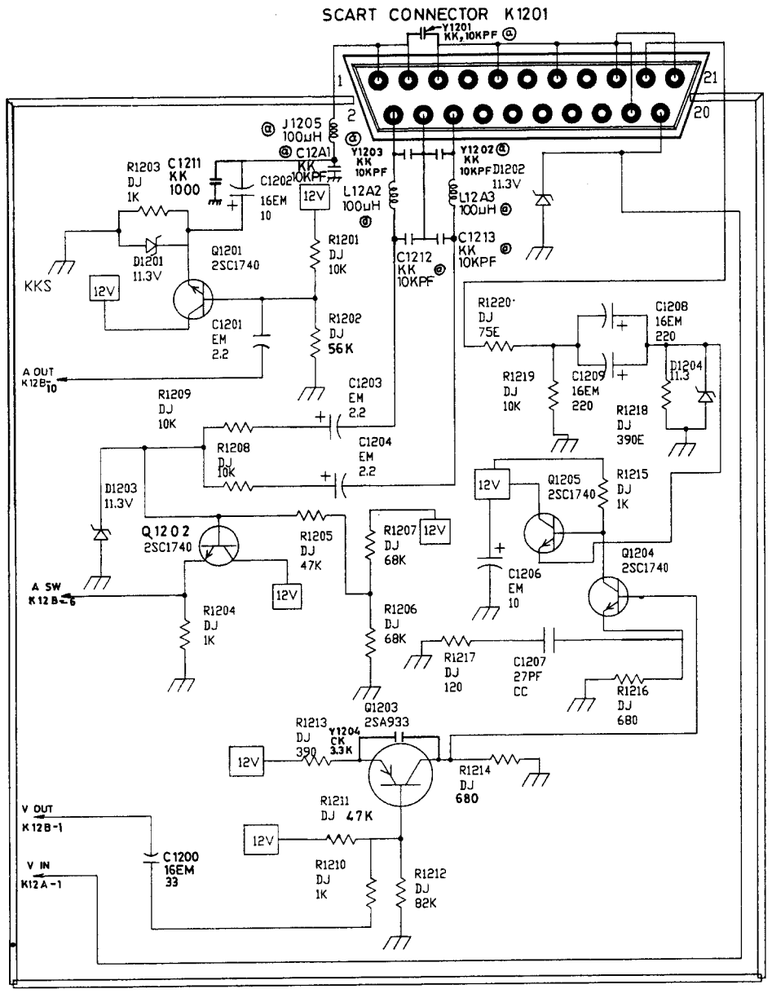
Teletextplatine STV 5185/STV 5585

Teletext module





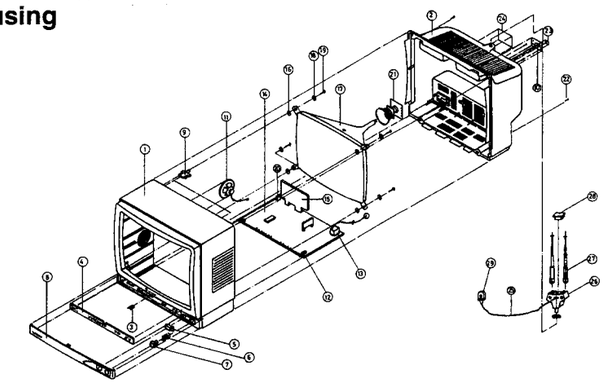
Schaltbild Scartplatine
Schematic diagram Scart P.C.B.



Bauteilunterschiede bei verschiedenen Bildröhren STV 5165/STV 5185
Component differences depending on picture tube

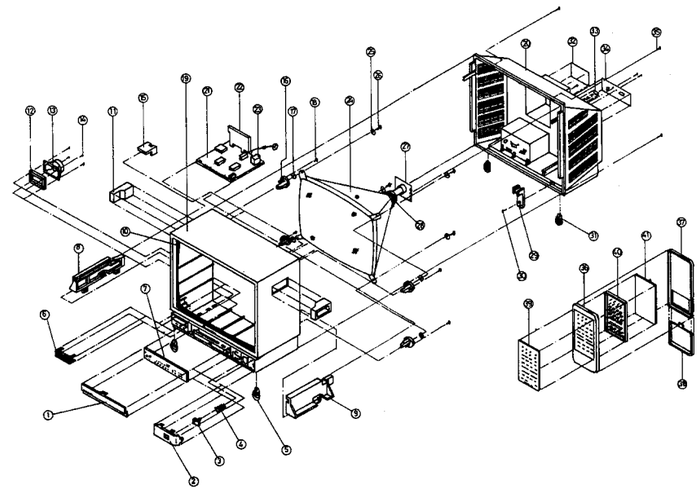
Best.-Nr. Part No.	Bezeichnung	Description	Position	Typ
01 025 25	Farbbildröhre A48KLD90X	Picture tube		
01 025 26	Entmagnetisierungsspule	Degaussing coil		
01 024 25	Bildrohrplatine	CRT PCB	PB901	
01 024 95	Sockel Bildröhre	CRT socket 29,1mm	K901	
00 230 61	Widerstand 3,3E 5% 1W	M.O.F. Resistor 3,3E 5% 1W	R481	
01 025 27	Kondensator 270kpF 5% 200V	P.P.cap 270kpF 5% 200V	C442	
01 025 28	Kondensator 7800pF 5%1,5kV	M.P.P.cap 7800pF 5% 1,5kV	C435	
01 025 29	Zeilentrafo FMRT	FBT-FMRT	T471	*4

Explosionsdarstellung
Exploded view housing



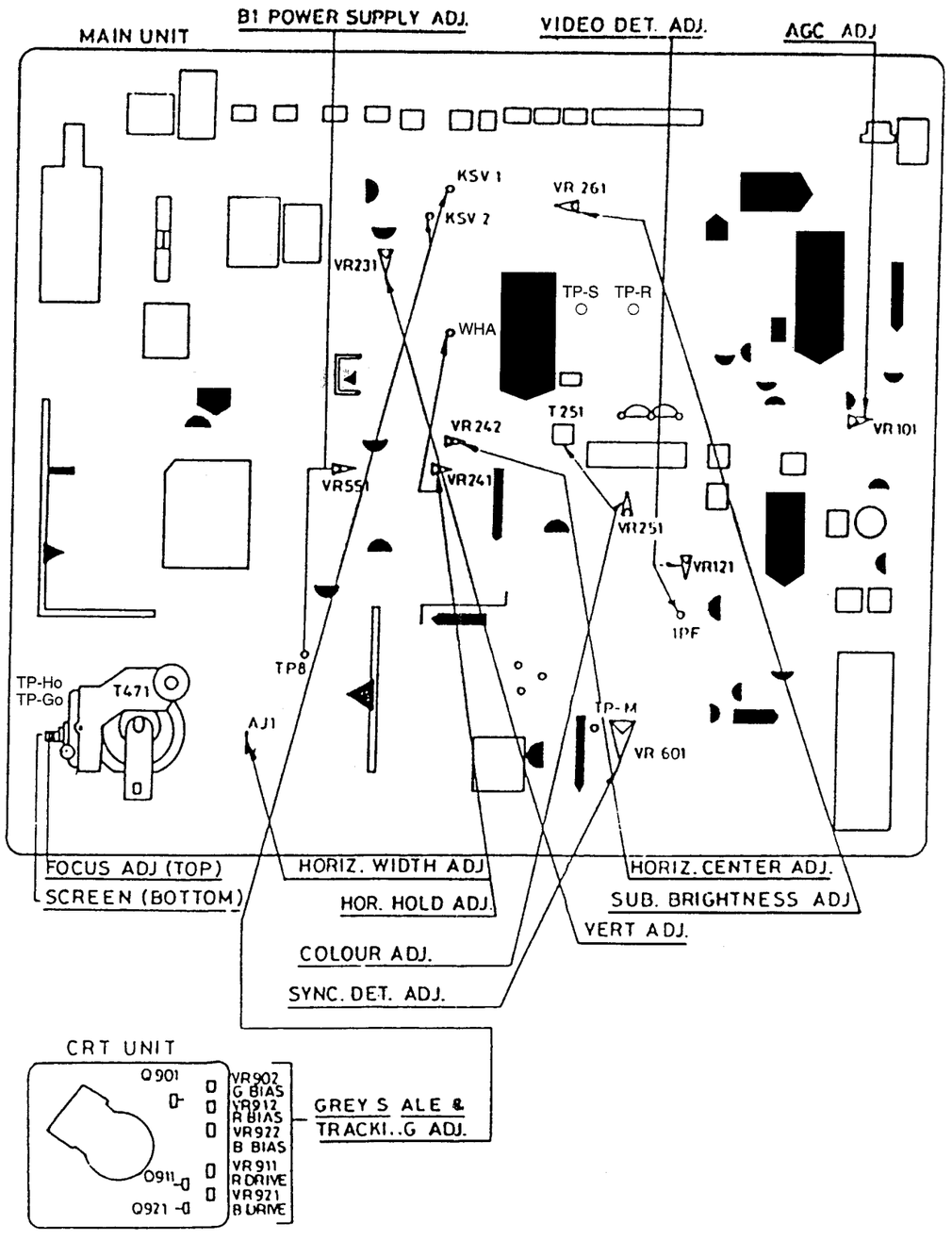
Best.-Nr. Part No.	Bezeichnung	Description	Position	Preisgr./Typ Price key
01 025 16	Gehäusefront	Cabinet front	1	C9
01 025 17	Gehäuserückwand	Cabinet back	2	C4
01 025 18	Rastmechanik	Push latch assy	3	A7
01 025 19	Blende Bedienteil	Control dec sheet	4	A2
01 025 20	Fenster IR-Empfänger	Panel dec plate	5	A1
01 025 21	Feder Netzschalterknopf	Spring (Power knob)	6	A0
01 025 22	Knopf Netzschalter	Power knob	7	A4
01 025 23	Bedienteilklappe	Dec door	8	A7 *1
01 025 24	Bedienteilklappe	Dec door	8	A7 *2

Explosionsdarstellung STV 5165/STV 5185/STV 5585
Exploded view housing



Best.-Nr. Part No.	Bezeichnung	Description	Position	Preisgr./Typ Price key
01 025 08	Gehäusefront	Cabinet front	19	D9
01 025 09	Gehäuserückwand	Cabinet back	20	C8
01 025 10	Blende Bedienteil	Control dec sheet	7	A3
01 025 11	Fenster IR-Empfänger	Panel dec plate	2	A3
01 025 12	Feder Netzschlaterknopf	Spring (Power knob)	4	A1
01 025 13	Knopf Netzschalter	Power knob	3	A4
01 025 14	Bedienteilklappe	Dec door	1	A9 *3,*4
01 025 15	Bedienteilklappe	Dec door	1	A9 *5

INSTALLATION AND SERVICE ADJUSTMENTS.



Service Abgleiche und Einstellanweisungen

Allgemeine Hinweise
Achtung: Bei Reparatur unbedingt Trenntrafo benützen und gültige Sicherheitsvorschriften beachten! Die üblichen Vorschriften zum **Schutz statischer Aufladungen** müssen unbedingt eingehalten werden! Die in der Röntgenverordnung festgelegte Ortsdosisleistung ist bei diesem Gerät durch die Röhrentype und die maximale zulässige Hochspannung gewährleistet. Im Servicefall ist die Betriebsspannung zu überprüfen und gegebenenfalls auf Sollwert einzustellen. Für den Abgleich ist vorher ein geeignetes Testbild einzustellen.
Änderungen vorbehalten!

Die folgenden Einstellanweisungen werden nicht bei der Inbetriebnahme benötigt. Bei Bedarf sollen diese nach der Reparatur durchgeführt werden.

WARNUNG
Hochspannungs-Berührungsgefahr: Die Hochspannung muß vorsichtig entladen werden, bevor das Hochspannungskabel von der Bildröhren-Anode entfernt wird.

Ein Ende einer passenden Leitung (z.B. eine Meßleitung) an die Erdung der Bildröhrenkörpers anklemmen, Schutzkappe der Anode zurückklappen und die Hochspannung durch die Leitung entladen. Eine Seite der Halteklammer in der Anodenöffnung der Bildröhre eindrücken, um das Anodenkabel zu entfernen.

Wichtig
Die Einstellung des Bildröhrenhalses dürfen nicht verändert werden, da diese vom Bildröhrenhersteller optimal eingestellt wurden.

Vor den folgenden Abgleichen sollten die Bildeinstellungen Helligkeit, Kontrast und Farbeinstellungen optimal eingestellt sein und alle Messungen sollten nach einer Warmlaufphase von ca 5 Minuten durchgeführt werden, außer anderweitig angegeben.

- 60 dBuV Signal bei jeder Kanalfrequenz
- Farbbalkentestbild und 1 kHz Tonsignal
- Netzspannung 220-240 V/AC, 50 Hz

Die Abgleiche sollten in der angegebenen Reihenfolge durchgeführt werden.

Servicing adjustments and alignments

General hints
Warning: Always use an isolating transfomer for repair works and existing safety regulations! Complienace with the generally valid rules for **protection against static charges** is essential. The picture tube types and the maximum permissible high voltage ensure that the x-ray intensity within the set remains far below the permissible value. Following servicing, check and adjust the operating voltage to the nominal value. For alignments set a fit test pattern. **Modifications reserved!**

The following preset adjustment procedures are not required during installation and should be made, if necessary, after servicing.

WARNING
EHT shock hazard: The EHT must be safely discharged before attemping to disconnect the EHT lead from the tube anode.

Clip one end of a convenient lead, such as a meter lead, to the tube earthing strap on the tube body, fold back the suction cap and discharge the EHT through the lead. Press in one side of the spring clip which protects into the tube cavity to ease removal of the EHT.

Important
Do not disturb the tube neck adjustments as these have been set for optimum performance during the tube manufacture.

Before attemping the following adjustments, the receiver should be tuned with the brightness, contrast and colour controls adjusted for the best picture and all measurements are to be made after a warm-up period of approximately 5 minutes, unless stated otherwise.

- 60 dBuV signal at any channel frequency
- colour bar pattern and 1 kHz sound signal
- mains 220-240 V/AC, 50 Hz

The adjustments should be carried out in the following order for convenience.

Service Abgleiche und Einstellanweisungen

Schaltnetzteil-Systemspannung
1. Helligkeit und Kontrast auf Minimum einstellen.
2. Spannung an TP-B überprüfen.
3. Falls nötig, mit VR551 auf +130 ± 0,5 V/DC einstellen.

Grundhelligkeit
1. Testbildgenerator auf Grautreppe einstellen.
2. Helligkeit auf Maximum und Kontrast auf Minimum einstellen.
3. Spannung an TP-H (+) und TP-G (-) mit VR261 auf 0,2 V/DC einstellen.

Grautreppe
1. Testbildgenerator auf Grautreppe einstellen.
2. Helligkeit auf Normal und Kontrast auf Maximum einstellen.
3. Service-Steckverbinder auf KSV 2.
4. Horizontalen Strich mit Schirmgitterregler (VR902-Grün, VR922-Blau, VR912-Rot) auf weiß abgleichen.
5. Service-Steckverbinder zurück auf KSV 1.
6. Mit VR911 und VR912 auf normal Schwarz/Weiß abgleichen.
   Hinweis: Nach Abgleich Hochspannung und Grundhelligkeit prüfen.

Vertikal Amplitude
1. Testbildgenerator auf Grautreppe einstellen.
2. Mit VR231 auf optimale Höhe einstellen.

Horizontale Bildlage
1. Testbildgenerator auf Grautreppe einstellen.
2. Helligkeit und Kontrast auf Maximum einstellen.
3. Mit VR242 die optimale Zentrierung einstellen.

Horizontale Frequenz
1. Testbildgenerator auf Grautreppe einstellen.
2. Service-Steckverbinder WHA abziehen.
3. Mit VR241 auf minimales horizontales Durchrollen einstellen.
4. Service-Steckverbinder WHA wieder einstecken.

Hochspannung
1. Testbildgenerator auf Grautreppe einstellen.
2. Helligkeit und Kontrast auf Maximum einstellen.
3. Spannung an der Anode-BR muß 20-22 kV sein.

Regelspannung (AGC)
1. Mit Empfänger den stärksten VHF Sender (60 dBuV) einstellen.
2. VR101 so einstellen, daß das Bild rauscht, anschließend so weit zurückdrehen, bis das Bild rauschfrei ist.

Servicing adjustments and alignments

SMPS system voltage
1. Set the brightness and contrast to minimum.
2. Check the voltage at TP-B.
3. If necessary, adjust VR551 to +130 ± 0.5 V/DC

Sub brightness adjustment
1. Set the pattern generator for grey scale.
2. Set brightness to maximum and contrast to minimum.
3. Adjust the voltage at TP-H (+) and TB-G (-) (VR261) for 0.2 V/DC.

Grey scale
1. Set the pattern generator for grey scale.
2. Set brightness to normal and contrast to maximum.
3. Connect the service tip KSV 2.
4. Adjust each bias (VR902-Green, VR922-Blue, VR912-Red) controls alternately until a dim white line is produced.
5. Re-connect the service tip to KSV 1.
6. Adjust red (VR911) and blue (VR921) drive controls alternately to produce normal black and white picture.
   Note: If grey scale adjustment is made, check high voltage and sub-brightness.

Vertical adjustment
1. Set the pattern generator for grey scale.
2. Adjust vertical size (VR231) control for full scan.

Horizontal center adjustment
1. Set the pattern generator for grey scale.
2. Set brightness and contrast to maximum.
3. Adjust Video Phase (VR242) for optimum horizontal center position.

Horizontal frequency adjustment
1. Set the pattern generator for grey scale.
2. Lift connector WHA.
3. Adjust the perset VR241 until the pattern reaches the minimum rolling speed horizontally.
4. Re-connect connector WHA.

High voltage check
1. Set the pattern generator for grey scale.
2. Set brightness and contrast to maximum.
3. High voltage has to measure between 20-22 kV.

AGC adjustment
1. Tune receiver to most cleanest VHF station in your area (60 dBuV).
2. Turn AGC control (VR101) in direction which causes snow to appear, then in the opposite direction until the snow just disappears.

Service Abgleiche und Einstellanweisungen

Videosignalpegel
1. Testbildgenerator auf Farbtreppe einstellen.
2. Oszilloskop an TP-F anschließen. Mit VR121 auf 1,0 + 0,03 Vss einstellen.

Farbabgleich (PAL)
1. Testbildgenerator auf Farbtreppe einstellen.
2. Helligkeit und Farbe auf Maximum, Kontrast auf Normal einstellen.
3. Digital-Voltmeter an TP-S und TP-R anschließen.
4. Mit VC250 auf ± 2 mV/DC abgleichen.

Synchron Detektor
1. Ohne Signal.
2. Frequenzzähler an TP-M anschließen.
3. Mit VR601 auf 15625 ± 50 Hz abgleichen.

Videotext-Oszillator-Frequenz
1. Testbild mit Videotext einstellen.
2. Mit VC21 die Frequenz an TP-3 auf 5,99 MHz ± 5 kHz einstellen.

Focus-Abgleich
Mit Focus-Poti (am Zeilentrafo) die Bildschärfe einstellen.

Bildbreite
1. Testbildgenerator auf Grautreppe einstellen.
2. Helligkeit und Kontrast auf Maximum.
3. Ist das Bild zu breit oder schmal, wird die Brücke AJ1 geöffnet oder geschlossen.
   - AJ1 geschlossen - große Bildbreite
   - AJ1 offen - kleine Bildbreite.

   Achtung: Nach dieser Einstellung Hochspannung und Grundhelligkeit prüfen.

Servicing adjustments and alignments

Video det.adjustment
1. Tune the receiver to colour bar pattern.
2. Connect oscilloscope to TP-F. Adjust VR121 for 1.0 + 0.03 Vpp.

Colour adjustment (PAL)
1. Tune the receiver to colour bar pattern.
2. Set brightness and colour to maximum, contrast to normal.
3. Connect digital voltmeter between TP-S and TP-R.
4. Adjust VC250 to ± 2 mV/DC.

Synchron dec. adjustment
1. Remove signal.
2. Connect frequency counter to TP-M.
3. Adjust VR601 to 15625 ± 50 Hz.

Clock frequency
1. Without RF or AV input signal.
2. The frequency at TP-3 is to be adjusted to 5.99 MHz ± 5 kHz by varying VC21.

Focus-adjustment
Adjust focus control (at the FBT) for sharp scanning lines.

Horizontal width adjustment
1. Tune the receiver to monochrome circular pattern.
2. Set contrast and bright to maximum.
3. If picture is too wide or narrow, cut or short lead (AJ1).
   - AJ1 is shorted, horiz. width increases.
   - AJ1 is cut horiz. width decreases.

   Note: After adjusting horiz. width recheck sut brightness and high voltage.

Ersatzteilliste elektrisch
Spare parts list

Best.-Nr. Part No.	Bezeichnung	Description	Position	Preisgr./Typ Price key
01 024 24	Grundplatine	Main P.C.B.		
01 024 25	Bildrohrplatine	CRT P.C.B.		*1,*2
01 024 26	Bildrohrplatine	CRT P.C.B.		*3,*4,*5
01 024 27	Scartplatine	T.T. P.C.B.		*1
01 024 28	Scartplatine	T.T. P.C.B.		*2
01 024 29	Scartplatine	T.T. P.C.B.		*3,*4,*5
00 374 58	IC LA 7520	IC LA 7520	IC 101	C6
00 406 58	IC AN 5265	IC AN 5265	IC 171	B4
00 705 14	IC AN 5601K	IC AN 5601K	IC 201	C5
00 657 07	IC AN 5521	IC AN 5521	IC 451	B2
00 216 41	IC AN 78M12-LB	IC AN 78M12-LB	IC 551	B8
00 373 97	IC AN 5421	IC AN 5421	IC 601	B8
01 024 30	IC PCA 84C641	IC PCA 84C641	IC 701	E0
00 595 38	IC ST 24C02	IC ST 24C02	IC 702	B0
01 024 31	IC AN 5071	IC AN 5071	IC 703	A6
01 024 32	IC MN 4066B	IC MN 4066B	IC 801	A2
00 484 93	IC SAA 5231PEM 3	IC Teletext video processor	IC 11	C6 *2,*4,*5
00 653 86	IC SDA 5243V7	IC Teletext character generator	IC 31	E4 *2,*4,*5
01 024 33	IC ST 24C02	IC 2K EEPROM ST24C02	IC 32	B7 *2,*4,*5
01 024 34	Transistor 2 SC 2216	Transistor 2 SC 2216	Q 101	A1
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 121,31	A6
00 583 66	Transistor 2 SA 1015-0	Transistor 2 SA 1015-0	Q 231, 511	A4
01 024 35	Transistor 2 SC 2383-0	Transistor 2 SC 2383-0	Q 431	A4
00 656 76	Transistor BU 508 DF	Transistor BU 508 DF	Q 432	B5
01 024 36	Transistor 2 SC 3807-0	Transistor 2 SC 3807-0	Q 512	A5
00 613 32	Transistor BU 508 AF	Transistor BU 508 AF	Q 513	B4
00 708 99	Transistor BC 638	Transistor BC 638	Q 551,54	A0
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 552,53	A6
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 610	A6
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 700	A6 *2,*4,*5
00 583 66	Transistor 2 SA 1015-0	Transistor 2 SA 1015-0	Q 711,32	A4
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 721,31	A6
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 741,42	A6
00 583 66	Transistor 2 SA 1015-0	Transistor 2 SA 1015-0	Q 791,1203	A4
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 801,10,11	A6
01 024 37	Transistor 2 SC 2229-0	Transistor 2 SC 2229-0	Q 901,11	A0
01 024 37	Transistor 2 SC 2229-0	Transistor 2 SC 2229-0	Q 921	A0 *1,*2
01 024 37	Transistor 2 SC 2229-0	Transistor 2 SC 2229-0	Q 925	A0 *3,*4,*5
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 1201, 02	A6
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 1204, 05	A6
00 213 13	Transistor 2 SC 2274-Q	Transistor 2 SC 2274-Q	Q 90	A9 *2,*4,*5
00 217 36	Transistor 2 SC 1815	Transistor 2 SC 1815	Q 91-93	A6 *2,*4,*5
01 024 38	Zenerdiode 5,6V	Zener diode 5,6V	D 90	A4 *2,*4,*5
00 112 41	Diode 1N 4148	Diode 1N 4148	D 261,271,72	A0
01 024 39	Zenerdiode 5,1V	Zener Diode 5,1V	D 291	A4
01 024 40	Diode ES1	Diode ES1	D 401	A5 *2,*4,*5
01 024 41	Diode ERB 43-04	Diode ERB 43-04	D 441	A6
01 024 42	Diode ERB 12-02	Diode ERB 12-02	D 451	A5
01 024 43	Gleichrichterdiode RM 11C	Rectifier RM 11C	D 501-504	A5 *2,*4,*5
01 024 43	Gleichrichterdiode RM 11C	Rectifier RM 11C	D 505	A5
00 112 41	Diode 1N 4148	Diode 1N 4148	D 514,16,62	A0
01 024 44	Optokoppler ON3131-R	Opto coupler ON3131-R	D 515	A7
01 024 40	Diode ES1	Diode ES1	D 517	A5
01 024 45	Diode EU1C	Diode EU1C	D 550	A5
01 024 46	Diode EU2A	Diode EU2A	D 551	A6
01 024 47	Diode EU2	Diode EU2	D 553-555	A6
01 024 48	Zenerdiode 6,2V	Zener Diode 6,2V	D 561	A4
01 024 49	Zenerdiode 3,6V	Zener Diode 3,6V	D 701	A4
00 112 41	Diode 1N 4148	Diode 1N 4148	D 702-9	A0 *2,*4,*5
00 112 41	Diode 1N 4148	Diode 1N 4148	D 710	A0
00 112 41	Diode 1N 4148	Diode 1N 4148	D 716,17	A0
00 112 41	Diode 1N 4148	Diode 1N 4148	D 721,35	A0
00 112 41	Diode 1N 4148	Diode 1N 4148	D 736-739	A0 *2,*4,*5
01 024 39	Zenerdiode 5,1V	Zener Diode 5,1V	D 791	A4

Ersatzteilliste elektrisch
Spare parts list

Best.-Nr. Part No.	Bezeichnung	Description	Position	Preisgr./Typ Price key
00 112 41	Diode 1N 4148	Diode 1N 4148	D 801	A0
00 112 41	Diode 1N 4148	Diode 1N 4148	D 901,11,21	A0
01 024 50	Zenerdiode 11 V	Zener Diode 11V	D 1201-04	A4
01 024 51	Leuchtdiode rot	LED red 103 HD	D 1701	A6
01 024 52	Kerko 3900pF 10% 500V	Cera.cap 3900pF 10% 500V	C 432	A4
01 024 53	Kerko 1,0kpF 10% 500V	Cera.cap 1,0kpF 10% 500V	C 433	A4
01 024 54	Kondensator 4700pF 5% 1,5kV	M.P cap 4700pF 5% 1,5kV	C 435	A6 *1,*2
01 024 55	Kondensator 8200pF 5% 1,5kV	M.P.P cap 8200pF 5% 1,5kV	C 435	A6 *3,*4
01 024 55	Kondensator 8200pF 5% 1,5kV	M.P.P cap 8200pF 5% 1,5kV	C 435	A6 *5
01 024 56	Kerko 220pF 10% 3kV	Cera.cap 220pF 10% 3kV	C 436	A5 *1,*2
01 024 57	Kerko 390pF 10% 3kV	Cera.cap 390pF 10% 3kV	C 436	A5 *3,*4,*5
01 024 58	Kerko 2200pF 10% 500V	Cera.cap 2200pF 10% 500V	C 454	A4
01 024 59	Kerko 0,22uF 5% 250V AC	Cera.cap 0,22uF 5% 250V AC	C 501	B2
01 024 60	Kerko 1,0kpF 20% 1kV	Cera.cap 1,0kpF 20% 1kV	C 502--504	A4 *3,*4,*5
01 024 60	Kerko 1,0kpF 20% 1kV	Cera.cap 1,0kpF 20% 1kV	C 505	A4
00 320 84	Elko 100uF 5% 400V	Elec.cap 100uF 5% 400V	C 507	B0
00 485 37	Kerko 680pF 10% 2kV	Cera.cap 680pF 10% 2kV	C 516	A2
00 466 35	Kerko 470pF 20% 400V AC	Cera.cap 470pF 20% 400V AC	C 531	B2
00 401 39	Kerko 220pF 10% 2kV	Cera.cap 220pF 10% 2kV	C 550	A2 *3,*4,*5
00 348 36	Kerko 470pF 10% 2kV	Cera.cap 470pF 10% 2kV	C 551	A3
01 024 61	Kerko 2200pF 10% 500V	Cera.cap 2200pF 10% 500V	C 771	A4
00 617 94	Widerstand 270Ohm 5% 2W	M.O.F. resistor 270E 5% 2W	R 291	A0
01 024 62	Widerstand 12Ohm 10% 7W	W. W. resistor 12E 10% 7W	R 436	A5
12 917 78	Widerstand 470Ohm 5% 1W	M.O.F. resistor 470E 5% 1W	R 443	A0 *1,*2
00 483 96	Widerstand 1Ohm 5% 1W	M.O.F. resistor 1E 5% 1W	R 462,481	A2
00 230 61	Widerstand 3,3Ohm 5% 1W	M.O.F resistor 3,3E 5% 1W	R 481	A0 *5
01 024 63	Widerstand 5,6Ohm 10% 7W	W. W. resistor 5,6E 10% 7W	R 502	A6
00 593 65	Widerstand 82Ohm 5% 2W	M.O.F resistor 82E 5% 2W	R 524	A0 *1,*2
01 024 64	Widerstand 47Ohm 5% 2W	M.O.F. resistor 47E 5% 2W	R 524	A6 *3,*4,*5
01 024 65	Widerstand 68Ohm 5% 2W	M.O.F.resistor 68E 5% 2W	R 525	A6
01 024 66	Widerstand 22k 5% 2W	M.O.F.resistor 22k 5% 2W	R 551	A6
01 024 67	Sich.-Wid. 3,9Ohm 5% 1W	Fusible resistor 3,9E 5% 1W	R 562	A3
01 024 68	Widerstand 33Ohm 5% 2W	Resistor 33E 5% 2W	R 563	A6
00 484 65	Widerstand 10k 5% 2W	M.O.F.resistor 10k 5% 2W	R 721	A1
00 652 58	Widerstand 150Ohm 5% 2W	M.O.F.resistor 150E 5% 2W	R 791	A7
00 374 43	Trimmer 10k 20% 0,1W	Preset 10k 20% 0,1W lin	VR 101	A3
00 370 22	Trimmer 1k 20% 0,1W	Preset 1k 20% 0,1W lin	VR 121,251	A5
00 346 96	Trimmer 20k 20% 0,1W	Preset 20k 20% 0,1W lin	VR 231	A2
00 296 20	Trimmer 5k 20% 0,1W	Preset 5k 20% 0,1W lin	VR 241	A3
00 296 14	Trimmer 50k 20% 0,1W	Preset 50k 20% 0,1W lin	VR 242,261	A3
01 024 70	Trimmer 3k 20% 0,1W	Preset 3k 20% 0,1W lin	VR 551	A4
01 024 71	Trimmer 2k 20% 0,1W	Preset 2k 20% 0,1W lin	VR 601	A4
00 296 20	Trimmer 5k 20% 0,1W	Preset 5k 20% 0,1W lin	VR 902-922	A3
01 024 72	Drehwiderstand 10k 20%	Potmeter 10k 20% lin	VR 232	B2
01 024 73	Taster	Push switch	SW 701-708	A5
01 024 74	Netzschalter	Power switch	SW 501	C3
00 066 37	Sicherung 2,5A 250V	Fuse normal blow 2,5A 250V	F 501	A2
01 024 75	Tuner Hyperband	Hyper band tuner	A 101	F1
01 024 76	IR-Empfänger	RC Pre-amplifier	A 701	B6
01 024 77	Spule Luminance	Luminance delay line	L 201	B6
01 024 78	Spule Chroma	Chroma delay line	L 253	B6
01 024 79	Thermistor PTH 18Ohm 20%	Thermistor PTH 18E 20%	PS 501	B5
01 024 80	Keramik Filter 40,4MHz	Ceramic trap 40,4MHz	X 100	A3
01 024 81	OFW Filter - FTZ	SAW filter - FTZ	X 101	B7
01 024 82	Keramik-Filter 5,5MHz	Ceramic discriminator	X 152	A5
01 024 83	Keramik-Oscillator 6MHz	Ceramic oscillator 6MHz	X 21	A6 *2,*4,*5
01 024 84	Quarz 8,8867MHz	Crystal Oscillator 8,8867MHz	X 251	A8
00 598 27	Quarz 10MHz	Crystal Oscillator 10MHz	X 701	A6
00 653 95	Quarz 13,875MHz	Crystal Oscillator 13,875MHz	X 11	B7 *2,*4,*5
01 024 85	Treibertrafo Horizontal	H.D.T.	T 431	B1
01 024 86	Zeilentrafo	Fly back transformer FD0125	T 471	E2 *1

Ersatzteilliste elektrisch
Spare parts list

Best.-Nr. Part No.	Bezeichnung	Description	Position	Preisgr./Typ Price key
01 024 87	Zeilentrafo	FBT, 14" Teletext	T 471	E3 *2
01 024 88	Zeilentrafo	FBT-LMRT	T 471	E8 *3,*4
01 024 89	Zeilentrafo	FBT-FMRT	T 471	E8 *5
01 024 90	Netzspule 38mH	Line filter 38mH	L 501	B0
01 024 91	Netzspule LG0004	Line filter LG0004	L 503	A8
01 024 92	Netztrafo AEO 137	Converter transformer AEO 137	T 511	C3 *1,*2
01 024 93	Netztrafo	Converter trans.	T 511	D0 *3,*4,*5
01 024 94	Sockel Bildröhre	CRT socket 22,5mm	K 901	B1 *1,*2
01 024 95	Sockel Bildröhre	CRT socket 29,1mm	K 901	B1 *3,*4,*5
01 024 96	Scart-Buchse	Scart connector	K 1201	A9
01 024 97	Kopfhöhrerbuchse	Phono jack	K 171	A2
01 024 98	Lautsprecher	Speaker		B1 *1,*2
01 024 99	Lautsprecher	Speaker		B9 *3,*4,*5
01 025 00	Farbbildröhre A34JFQ40X	Picture tube (CPT)		G1 *1,*2
01 025 01	Farbbildröhre A48JSK61X	Picture tube (CPT)		H0 *3,*4
01 025 02	Farbbildröhre A51KSV40X	Picture tube (CPT)		H3 *5
01 025 03	Entmagnetidierungsspule	Degaussing coil		A8 *1,*2
01 025 04	Entmagnetisierungsspule	Degaussing coil		B6 *3,*4
01 025 05	Entmagnetisierungsspule	Degaussing coil		B6 *5
01 025 06	Teleskopantenne kpl.	Telescope aerial assy		B7 *1,*2
01 025 07	Fernbedienungsgeber RC 210	R.C. transmitter unit		D9

Achtung:
Attention:

*** 1 bei STV 3665**
*** 2 bei STV 3685**
*** 3 bei STV 5165**
*** 4 bei STV 5185**
*** 5 bei STV 5585**

Bitte bei Ersatzteilbestellung die genaue Bezeichnung und **Ident-Nr. (siehe Typenschild)** des Gerätes sowie Bestell-Nummer und Positions-Nummer des Ersatzteils angeben.

For ordering of spare parts please state exact description and **ident.-no. of unit (see silver rating label on the backside of unit)** as well as part no. and position no. of required spare parts.

Benutzen Sie:

Bildschirmtext *317298 #

oder

Telefax: 08245/51326

Der Umwelt zuliebe!

Diese Serviceanweisung
wurde auf chlorfrei gebleichtem
Papier gedruckt.

Working for the environment!

This service manual
is printed on paper whitened
without chlorine.

Technische Änderungen vorbehalten.
Technical modifications reserved.
Herstellung: Holzmann Druck, 86825 Bad Wörishofen 01 025 33 HD 6/8-13/7000/29/95